

POLONSKIY, Ya.; GORIN, I.

Determining standards of fuel consumption for dump trucks used in  
railroad construction. Avt.transp. 32 no.2:33 F '54. (MLRA 7:6)  
(Dump trucks)

GORIN, IN. A.

In. A. Gorin and K. N. Charskaya, Investigation in the field of catalytic transformation of alcohols into hydrocarbons of the divinyl series. XIII. Catalytic synthesis of divinyl from binary mixtures: methyl and isopropyl alcohols, methyl alcohol and acetone, isopropyl alcohol and formaldehyde. P. 1346.

The possibility is shown of obtaining divinyl by contact from mixtures of methyl alcohol with isopropyl alcohol, methyl alcohol with acetone and isopropyl alcohol with formaldehyde on an adapted Lebedev catalyst.

The Lebedev All Union Scientific Research  
Institute  
June 4, 1947.

SO: Journal of General Chemistry (USSR) 18, (80) No. 7 (1948).

GORIN, I.A., inzh., red.; KOROTKIN, L.M., inzh., red.; IFTINKA, G.A.,  
red.izd-va; RODIONOVA, V.M., tekhn. red.

[Construction specifications and regulations] Stroitel'-  
nye normy i pravila. Moskva, Gosstroizdat. Pt.2. Sec.P.  
ch.1.[Warehouses and structures for general purposes; de-  
sign standards] Skladskie zdaniia i sooruzheniya obshchego  
naznacheniia; normy proektorovaniia (SNiP II-P. 1-62).  
1963. 7 p. (MIRA 16:10)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po  
delam stroitel'stva. 2. Gostroy SSSR (for Gorin). 3. Go-  
sudarstvennyy proyektyny institut No.6 Glavnogo upravle-  
niya proyektynykh rabot Ministerstva stroitel'stva SSSR  
(for Korotkin).  
(Building--Standards)

VESELOV, S.I.; GORIN, I.F.

Great achievements of the national economy. Energetik 13  
(MIRA 18:11)  
no.11:38-39 N '65.

1. Nachal'nik Gosudarstvennoy inspeksii po energonadzoru  
Ministerstva energetiki i elektrifikatsii SSSR (for Veselov).
2. Nachal'nik tekhnicheskogo otdela Gosudarstvennoy inspeksii  
po energonadzoru (for Gorin).

AID P - 5273

Subject : USSR/Engineering

Card 1/1 Pub. 107-a - 9/18

Author : Gorin, I. G., Eng. ("Kompressor" plant)

Title : On standardization of ratings for manual arc welding

Periodical : Svar. proizv., 9, 24-25, S 1956

Abstract : Pointing out the existing discrepancies in ratings for welders, the differences in various tables amounting from 27 to 227% for the same welding job, the author suggests that technical ratings, performance charts and time-tables should be upgraded and standardized, thus increasing the welding output. Two tables; 5 Russian references (1950-54).

Institution : As above

Submitted : No date

GORIN, I.G.

135-7-11/16

SUBJECT: USSR/Welding

AUTHOR: Gorin, I.G., Engineer.

TITLE: Device for Automatic Welding on a Flux Pad. (Prisposobleniye dlya avtomaticheskoy svarki na flyusovoy podushke).

PERIODICAL: "Svarochnoye Proizvodstvo", 1957, # 7, pp 26-27 (USSR).

ABSTRACT: The article describes in detail a device for welding circular seams, of boiler shells, designed by N.P. Lyalin and put into service at the plant "Kompressor". Formerly, such seams on boiler shells of 800-1200 mm diameter and 8-18 mm wall thickness were welded in the following sequence:  
1) Manual welding of the first outside layer; 2) automatic welding from inside; 3) automatic welding on the outside.  
Manual welding of one circular seam required 8-15 minutes.

The device described consists basically of a frame which carries three revolving drums, an endless belt which runs around the drums, and a flux container from which the flux is continuously fed onto the belt. Its weight is 25 kg and it is readily movable. In working position it stands under the boiler shell, and the endless belt - which can be lifted on screws - and is driven by the

Card 1/2

135-7-11/16

TITLE: Device for Automatic Welding on a Flux Pad. (Prisposobleniye  
dlya avtomaticheskoy svarki na flyusovoy podushke).  
rotating boiler shell mounted on the welding machine. The belt  
and the flux on it form the flux pad.  
The article contains 1 drawing.

ASSOCIATION: Plant "Kompressor". (Zavod "Kompressor")

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress.

Card 2/2

S/135/61/000/005/008/011  
A006/A101

AUTHOR: Gorin, I. G., Engineer

TITLE: On the problem of welding-up cracks in Г13Л (G13L) steel castings

PERIODICAL: Svarochnoye proizvodstvo, no. 5, 1961, 26 - 28

TEXT: For the welding up of cracks on G13L steel castings the Mosgorsov-narkhoz experimental welding plant recommended C8-X20H10F6 (Sv-Kh20N10G6) steel wire electrodes. But as at the Moscow "Serp i molot" Plant information on the properties of weld joint produced with such electrodes was not available, mechanical properties of weld joints on cast G13L steel specimens were investigated. Rectangular 300 x 125 x 13 ± 1 mm plates were water quenched from 1050 - 1100°C and butt welded with 2 - 0.5 mm gaps, on d.c., with the following electrodes Sv-Kh20N10G6 wire with НИИ-48 (NIIT-48) coating; C8-X22H15 (Sv-Kh22N15) wire with ОЗЛ-4 (OZL-4) coating; ЭИ 395 (EI395) wire with НИАТ-5 (NIAT-5) coating and О8Н3 (08N3) wire with ОМГ (OMG) coating. The plates were welded-up in three layers on the least possible current (130 - 140 amp). Besides the evaluation of properties of the weld joints, the effect of subsequent heat treatment on changes

Card 1/ 4

✓

S/135/61/CCO/005/008/011  
A006/A101

On the problem of welding-up cracks ...

of properties of weld joints was studied. For this purpose plates were welded with Sv-Kh20N10G6 electrodes with NII-48 coating and after cooling subjected to repeated quenching. Tensile tests were performed with flat specimens 25 - 30 mm wide with removed fillets, and notched specimens were used for impact tests. Microinvestigations of welded specimens were carried out by engineer A. V. Vinogradova and showed that the structures of the zones investigated on different specimens were similar (see figure). In all the specimens cracks were revealed in the weld-adjacent zones to 0.15 - 0.6 mm depth. On the one hand the presence of multiple micro cracks must reduce the properties of the weld; on the other hand the microcracks are filled with molten electrode metal, so promoting the cohesion of the base and weld metal and influencing an increase of mechanical strength. Repeating quenching did not noticeably improve the structure of the weld-adjacent zone and the weld but produced an increase in the crack depth. Rupture tests with specimens did not yield sufficient comparison data on ultimate strength of joints welded with different electrodes but proved however, that the strength of the joints was not below that of the base metal. Impact tests yielded different results, so that the advantages of one or the other electrode type could not be established. Maximum toughness values (16 and 18.4 kgm/cm<sup>2</sup>) were obtained with Sv-Kh20N10G6 wire with NII-48 coating. An editorial note says that the conclusions drawn by the author can not be considered as sufficiently sub-

Card 2/4

S/135/61/000/005/008/011  
A006/A101

On the problem of welding-up cracks...

stantiated. There are 1 table and 1 figure.

ASSOCIATION: Moskovskiy zavod "Serp i molot" (Moscow "Serp i molot" Plant).

Figure:

Microstruc-  
ture of G13L  
steel: a -  
base metal x  
100; b,c -  
fusion zone  
x 100; d -  
penetration  
zone x 400;  
e - built-up  
metal at the  
boundary with  
the penetra-



Card 3/4

GORIN, I.G., inzh.

Resistance butt welding of rope wires. Svar. proizv. no.8:25-  
(MIRA 14:8)  
28 Ag '61.

1. Zavod "Serp i molot".  
(Electric welding)  
(Wire rope)

S/135/62/000/005/007/007  
A006/A101

AUTHOR: Gorin, I. G., Engineer  
TITLE: Experiences in welding cast 9N 319.1 (EI319L) steel  
PERIODICAL: Svarochnoye proizvodstvo, no. 5, 1962, 39 - 42

TEXT: Under the supervision of Candidate of Technical Sciences, N. P. Zhetvin, experimental investigations were made on welding-up defects in 300 x 130 x 17 mm cast steel plates. The plates were butt-welded with 2 - 3 mm gaps. Tack and manual-electric welding was performed on d-c of reverse polarity in 3 - 4 layers, besides the welded-up layer. Prior to the application of each successive layer, the plates were cooled down to 100 - 180°C. Electrodes of three grades were used: 9N 395 (EI395); X 20H15 (Kh20N15) and X 25H20 (Kh25N20). Since scale resistance index is one of the most important criteria of evaluating the quality of castings operating at high temperatures, metals welded with the aforementioned electrodes were subjected to scale-resistance tests. The specimens were held in oxidizing (air) atmosphere of an electric furnace at 1,100°C for 50 hours. It was found that the observation of optimum welding conditions

Card 1/2

Experiences in welding...

S/135/62/000/005/007/007  
A006/A101

makes it possible to obtain weld joints in cast-EI319L steel without cracks in both the base and built-up metal. The electrodes investigated assure mechanical properties of the weld joints, equal to those of the base metal. Beveling of edges by arc "planing" does not impair the mechanical properties and microstructure of the weld joints, as compared with mechanical treatment. The scale resistance of weld joints produced by different electrodes is not below that of the base metal. Kh20N15 wire electrodes with OZL-2Kh (OZL-4) coating or OZL-6 electrodes with Kh25N13 wire rods are most suitable for welding EI319L steel, and produce built-up metal of analogous composition. These electrodes show high resistance of the built-up metal to hot cracks, on account of the ferrite phase. There are 6 figures and 3 tables.

ASSOCIATION: Moskovskiy zavod "Serp i molot" (Moscow "Serp i molot" Plant)

Card 2/2

GORIN, I. G., inzh.

Welding stainless steel strips in rolling practice. Svar.  
proizv. no.10:28-30 O '62. (MIRA 15:10)

1. Moskovskiy zavod "Serp i molot".

(Steel, Stainless--Welding)

GORIN, I.G.

Repairing cast iron ingot molds by welding. Avtom. svar. 15 no.7:68-  
70 Jl '62. (MIRA 15:7)

1. Moskovskiy zavod "Serp i molot".  
(Ingot molds--Maintenance and repair) (Cast iron--Welding)

S/125/63/000/004/004/011  
D040/D112

AUTHOR: Gerin, I.O.

TITLE: Welding cast armco iron

PERIODICAL: Avtomaticheskaya svarka, no. 4, 1963, 19-23

TEXT: The "Serp i Molot" Plant investigated the weldability of cast armco iron in view of the importance of this problem for the electrical industry and the present lack of data. The experiments are described in detail, and the results of metallographic investigations, chemical analysis, and mechanical and magnetic tests are given. Welding was conducted with d.c. and a.c., with armco iron electrodes having a coating produced by the Orytnyy svarochnyy zavod (Experimental Welding Plant) of the Mosgorskvar-khoz, and with graphite electrodes. The results proved that welding can be used both for repairing faulty castings as well as for joining castings; however, annealing after welding is necessary to preserve the magnetic properties and improve the mechanical properties. Porosity in welding with coated armco electrodes could not be eliminated, so that the existing coating will have to be improved. Castings were successfully repaired by welding.

Card 1/2

S/125/63/000/004/004/011  
D040/D112

Welding cast armco iron

ing with a graphite electrode and filler rods of armco iron. There are 4 figures and 3 tables.

ASSOCIATION: Moskovskiy zavod "Serp i Molot" (Moscow "Serp i Molot" Plant)

SUBMITTED: August 17, 1962

Card 2/2

L 1970-cc EWT(m)/EWA(d)/ENP(v)/T/ENP(t)/ENP(k)/ENP(b) PP-L/Pad IJP(c)/KSD(f)-3/  
ASD(m)-3/AFTCP MJW/JD/HM/HW S/0135/64/000/012/0025/0028

ACCESSION NR: AP5001171

AUTHOR: Corin, I. G. (Engineer)

TITLE: Welding of titanium alloys to nickel-base alloys  
18 27

SOURCE: Svarochnoye proizvodstvo, no. 12, 1964, 25-28

TOPIC TAGS: titanium alloy, nickel alloy, al. on titanium, alloy  
welding, spot welding, seam welding, diffusion bonding,  
electron beam welding, brazing  
nickel alloy

ABSTRACT: A series of experiments was conducted to determine the possibility of joining the heat-resistant titanium alloy Ti-6Al-6V-2Cr-2Mo to the heat-resistant nickel-based alloy Ni-200 at thicknesses of 0.8—2 mm by TIG welding, spot and seam welding, vacuum diffusion bonding, electron beam welding, or by brazing. All attempts with direct joining of the two alloys by welding failed, due to an extreme brittleness of the weld. The best results were obtained only with the use of intermediate inserts, one niobium and one titanium, between the two inserts, one niobium and one titanium.

Cord 1/3

L 19705-65  
ACCESSION NR: AP5001171

(Br, B<sub>2</sub>). The EI894 alloy was welded first to a beryllium copper strip, then the latter to a niobium strip, and the niobium strip to the OT4-1 alloy. In spot welding satisfactory results were obtained with a single niobium, tantalum, or molybdenum foil insert 0.1 mm thick. Alloy sheets up to 1 mm thick could be successfully seam welded with niobium foil insert or with molybdenum coating, but sheets 2 mm thick could not. Some tests with titanium-clad stainless steel inserts showed that such inserts will greatly facilitate joining titanium alloys to nickel alloys, especially if the adhesion strength of the cladding to the base metal is of the order of 1000 kg/mm<sup>2</sup>. Vacuum diffusion bonding and electron-beam welding require niobium or beryllium-copper inserts. Brazeing of 1-mm-thick sheet was done with a gas torch or in a furnace with an atomic atmosphere. The surface of OT4-1 alloy was electroplated with gold. The shear strength of the joint was found to be 32,000 kg/mm<sup>2</sup> (72,000 lb/in<sup>2</sup>) at room temperature and 31,200 kg/mm<sup>2</sup> (70,000 lb/in<sup>2</sup>). See also 5 tables and 4 figures.

ASSOCIATION: none

Card 2/3

L 19705-55  
ACCESSION NR: AP5001171

SUBMITTED: 00 ENCL: 00 SUB CODE: MM  
NO REF Sov: 000 OTHER: 000 ATD PRESS: 3160

Card 3 / 3

GORIN, I.G., inzh.

Welding titanium alloys to nickel base alloys. Svarproizv.  
no.12825-28 D 164. (MIRA 1881)

ACC NR: AR6033479

SOURCE CODE: UR/0413/66/000/018/0079/0079

INVENTOR: Gorin, I. G.

ORG: none

TITLE: Method of resistance welding of titanium alloys to heat-resistant steels.  
Class 21, No. 186050

SOURCE: Izobret prom obraz toy zn, no. 18, 1966, 79

TOPIC TAGS: titanium alloy, heat resistant steel, resistance welding, titanium alloy welding, steel welding

ABSTRACT: This Author Certificate introduces a method of resistance welding of titanium alloys to heat-resistant steels with the use of inserts to improve the quality of the weld. In this method, niobium, deposited on surfaces to be welded by plasma spraying or in the form of inserts, is used as an intermediate metal.

SUB CODE: 13/ SUBM DATE: 190ct63/ ATD PRESS: 5100

Joining of dissimilar metals

Card 1/1 *Lsh*

UDC: 621.791.763

GORIN, I.S.; FAYBISOVICH, R.A.; POLONSKIY, L.A., red.; MIRKISHIYEVA, S.,  
tekhn. red.

[By way of great accomplishments] Dorzgoi bol'shikh svershenii.  
Baku, Azerneshr, 1962. 63 p. (MIRA 15:12)  
(Azerbaijan--Pipe mills)

GORIN, K.; MOLCHANOV, L.; TASHMAN, L.

Opportunities to economize are not being used. Fin. SSSR 21 no.3:49-51  
Mr '60. (MIRA 13:3)

1.Ispolnyayushchiy obyazannosti nachal'nika otdela Ministerstva finansov  
Azerbaydzhanskoy SSR (for Gorin). 2.Starshiy ekonomist Ministerstva  
finansov Azerbaydzhanskoy SSR (for Molchanova) ).Starshiy inzhener  
Azerbaydzhanskoy kontory Stroybanka (for Tashman).  
(Azerbaijan--Oil well drilling--Finance)

GORIN, L.

Za peredovuiu tekhniku; opyt partiinoi gruppy mashinostroitel'nogo zavoda.  
Sverdlovsk Sverdlovskoe obl. gos. izd-vo, 1949. 54 p.

Refers to Ural machine-building plant.

In favor of up-to-date technique; experience of a Party group in a machine-building plant.

DLC: TJ1135.06

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of Congress, 1953.

GORIN, L.; LITVINOV, I.

The motherland is taking care of them. Okhr.truda i sots.strakh.  
no.6:49-51 D '58. (MIRA 12:1)  
(Physically handicapped--Rehabilitation)  
(Voronezh--Old-age homes)

GORIN, L.

The MD-11 magnetographic defectoscope. Bezop.truda v prom. 6  
no.12:22-23 D '62. (MIRA 15:12)  
(Magnetic testing)

GORIN, L.B., inzh.

Steam boiler accidents caused by brittle failure of metals.  
Bezop. truda v prom. 2 no.7:23-24 Jl '58. (MIRA 11:9)  
(Boiler explosions)

GORIN, L. F.

Dissertation: "Oxyethylarylamine in the Synthesis of Heterocyclic Compounds." Cand Chem Sci, Moscow Order of Lenin State U imeni M. V. Lomonosov, 23 Jun 54. (Vechernaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec 1954

GORIN, L.F.

USSR/Chemistry

Card 1/2

Authors : Muryev, Yu. K.; and Gorin, L. F.

Title : Behavior of N-[ $\beta$ -oxethyl]-aniline and N-[ $\beta$ -oxethyl]-o-toluidine in the presence of aluminosilicate.

Periodical : Zhur. Ob. Khim. 24, Ed. 4. 671 - 678, April 1954

Abstract : Dehydration of N-( $\beta$ -oxethyl)-aniline and N-( $\beta$ -oxethyl)-o-toluidine in the presence of aluminosilicate at 300° becomes complicated by processes of dehydrogenation, hydrogenation and alkylation of the reaction products. A mixture of dehydration products yielded aniline (basic reaction product), 4-ethyl aniline, indole, skatole, and N, N'-diphenylpiperazine. The derivation of crystalline products indicates the presence of p-toluidine, N-ethyl aniline, dehydroindole, 2,4-diethyl aniline and quinaldine as well as mixtures of di- and triethyl indoles. Products of N-( $\beta$ -oxethyl)-o-toluidine dehydration yielded o-toluidine, 2-methyl-4-ethyl aniline, 7-methyl indole. The mechanism of the formation of the above reaction products is explained.

Zhur. Ob. Khim. 24, Ed. 4, 671 - 678, April 1954

(additional card)

Card 2/2

Abstract : Thirty-three references; 8 USSR since 1929; 25 German and English since 1882. Tables.

Institution : The Moscow State University, Moscow.

Submitted : November 5, 1953

GORIN, L. F.

USSR/ Chemistry Dehydration

Card : 1/1 Pub, 151 - 28/33

Authors : Yuryev, Yu. K., and Gorin, L. F.

Title : Dehydration of N-(beta-oxethyl)-arylamines in the presence of aluminum silicate

Periodical : Zhur. ob. khim. 24/8, 1444 - 1449, August 1954

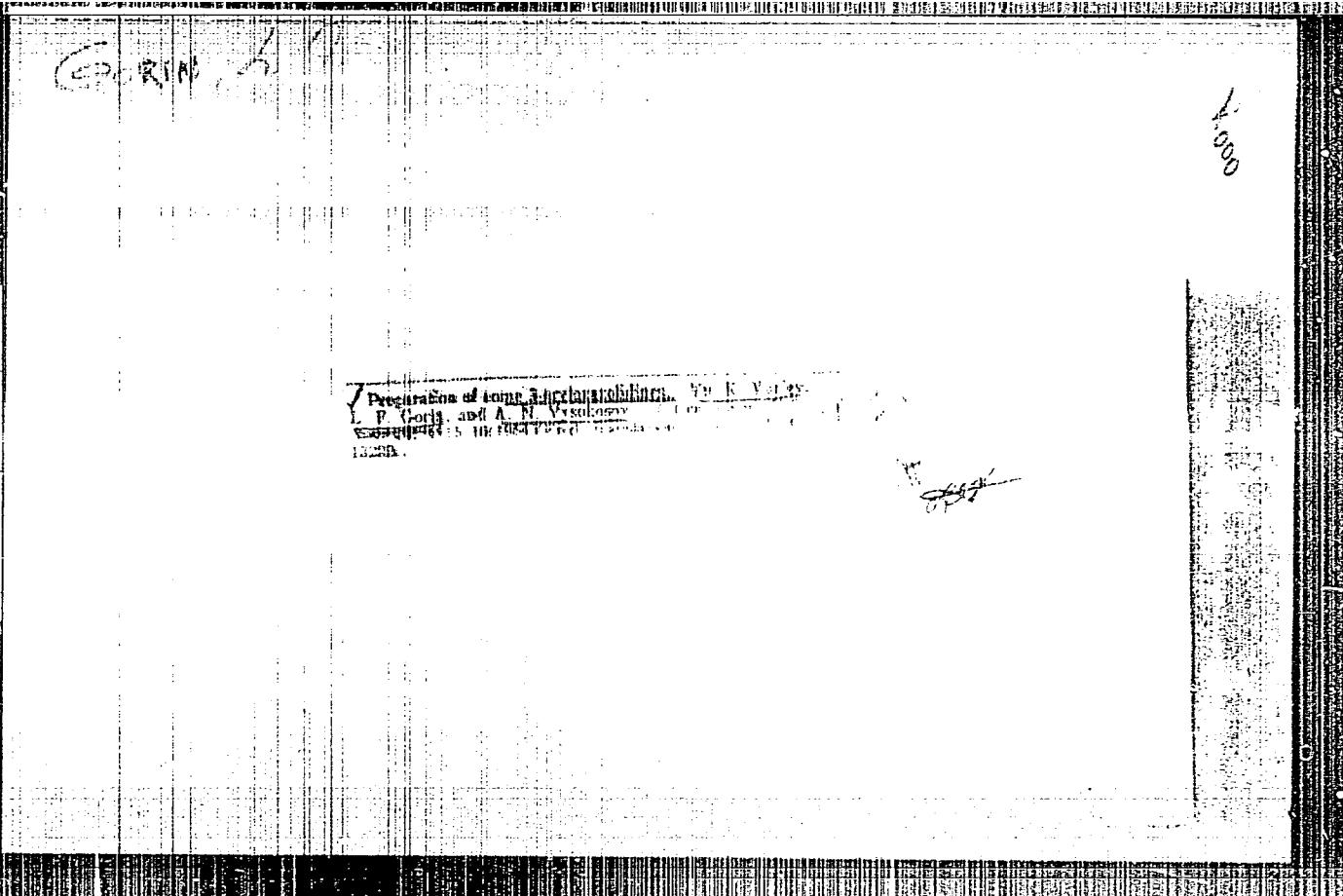
Abstract : The products obtained from dehydration of N-(beta-oxethyl)-arylamines in the presence of  $\text{Al}_2(\text{SiO}_3)_3$  contacts, are described. The results derived through combined dehydration of N-(beta-oxethyl)-arylamines with aromatic amines over  $\text{Al}_2(\text{SiO}_3)_3$  contacts, are listed. The para- and ortho-orientations of the methyl or methoxyl in the arylamine and their effects on the yield of dehydration products, are explained. Eleven references: 6 German; 3 USSR and 2 USA (1859 - 1951). Table.

Institution : State University, Moscow

Submitted : March 1, 1954

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616210017-7



APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616210017-7"

Gorin, L. F.

USSR/Chemistry - Synthesis methods

Card 1/1 Pub. 151 - 27/37

Authors : Yuryev, Yu. K.; Gorin, L. F.; and Vysokosov, A. N.

Title : Derivation of certain 3-aryloxazolidines

Periodical : Zhur. ob. khim. 24/10, 1851-1853, Oct 1954

Abstract : The derivation of hitherto unknown 2-methyl-3-p-tolyloxazolidine, 2-phenyl-3-p-tolyloxazolidine, 2-phenyl-3-o-tolyloxazolidine and 2-phenyl-3-p-anisidyl-oxazolidine, is described. The formation of the oxazolidine cycle takes place in smooth conditions and was found to depend very little upon the aldehyde structure. The formation of oxazolidines with other aldehydes is discussed. Six references: 3-USSR; 1-USA; 1-German and 1-French (1922-1953).

Institution : State University, Moscow

Submitted : March 29, 1954

ORESHKO, V.F., doktor tekhn.nauk, prof.; GORIN, L.F., kand.khimicheskikh nauk

Effect of ionizing gamma radiation on the sizing of starch.  
Trudy VNIIZ no.38:51-65 '60. (MIRA 15:12)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

(Starch) (Gamma rays)

ORESHKO, V.F. [deceased]; GORIN, L.F.; MASLOVA, G.M.

Effect of ionizing radiation on the sizing of starch. Izv. vys.  
ucheb. zav.; pishch. tekhn. no.4:35-38 '61. (MIRA 14:8)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti,  
kafedra neorganicheskoy khimii.  
(Gamma rays--Industrial applications)

ORESHKO, V. F.[deceased]; GORIN, L. P.; KOROTCHENKO, K. A.; MASLOVA,  
G. M.; CHEREVENKO, L. Ye.; SHAKHOVA, N. G.

Radiation chemistry of starch. Izv. vys. ucheb. zav.; pishch.  
tekhn. no.5:32-37 '62. (MIRA 15:10)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promysh-  
lennosti, kafedra neorganicheskoy khimii.

(Starch) (Radiochemistry)

37536

S/076/62/036/005/011/013  
B101/B110

5.4600

AUTHORS: Oreshko, V. F. (Deceased), Gorin, L. F., and Rudenko, N. V.  
TITLE: Composition of the products of starch radiolysis  
PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 5, 1962, 1084-1085

TEXT: The composition of gas obtained by irradiating potato starch (16.4% moisture) with  $\text{Co}^{60}$  (doses,  $12 \cdot 10^6$  and  $20 \cdot 10^6$  r; dose rate, 2000 r/min) in sealed glass ampoules was investigated by chromatography. Results: (1) The gaseous products of radiolysis contained neither  $\text{CH}_4$  nor  $\text{CO}_2$ . (2)  $\text{H}_2$  and  $\text{CO}_2$  were formed in a ratio of 1:1, which indicates the destructive cleavage of the glucopyranose rings, resulting in the formation of pentoses and formaldehyde. (3) The following mechanism is suggested for the cleavage: (a) The terminal glucose rings are split off to form pentoses and formaldehyde; (b) the formaldehyde is oxidized to formic acid by the oxygen in the ampoule; (c) the formic acid decomposes under the effect of gamma radiation in  $\text{H}_2 + \text{CO}_2$ . There is 1 table.

Card 1/2

Composition of the products ...

S/076/62/036/005/011/013  
B101/B110

ASSOCIATION: Moskovskiy tekhnologicheskiy institut pishchevoy  
promyshlennosti (Moscow Technological Institute of the Food  
Industry)

SUBMITTED: August 1, 1961

Card 2/2

GORIN, L.F.; NEMDRUK, A.A.; STASYUCHENKO, V.V.

Photometric determination of cobalt in soils, plants, and  
biological materials with -nitroso- -naphthol. Izv. vys.  
ucheb. zav.; khim. i khim. tekhn. 6 no.3:385-389 '63.

(MIRA 16:8)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti,  
kafedra neorganicheskoy khimii.  
(Cobalt—Analysis) (Photometry) (Soil chemistry)

MASLOVA, G.M.; GORIN, L.F.

Effect of the grain size on the temperature of gelatinization  
of potato starch. Izv. vys. ucheb. zav.; pishch. tekhn. no.6:  
16-19 '63. (MIRA 17:3)

1. Moskovskiy tekhnologicheskiy institut pishchevoy  
promyshlennosti, kafedra neorganicheskoy khimii.

PUTILOVA, I.N.; KOROTCHENKO, R.A.; GOREN, I.F.

Effect of treatment with  $Co^{2+}$  gamma rays on the antirust effect of potato starch in the corrosion of lead in soft water. Zhur. prikl. khim. 37 no.12:2612-2615 R '64.

(MIRA 18:2)

1. Moskovskiy tekhnologicheskiy institut pishchevoy promyshlennosti.

S/068/63/000/001/002/004  
E071/E136

AUTHORS: Cherkasova, L.M., and Gorin, L.K.

TITLE: Purification of benzole from thiophene by the formaldehyde method

PERIODICAL: Koks i khimiya, no.1, 1963, 44-46

TEXT: Laboratory experiments on the removal of thiophene by washing of benzole with formalin and sulphuric acid were carried out. Under laboratory conditions optimum results were obtained by the following washing procedure: acid wash (about 1%), separation of spent acid, addition of 0.1 wt.% formalin, stirring, addition of 19.2% of 94.5% sulphuric acid, stirring for 5 min, addition of 0.7% of formalin. Under these conditions, the acid tar produced could be easily separated and the acid regenerated. The method was tested under works conditions using benzole containing 0.0064% of CS<sub>2</sub> and 0.057% of thiophene. The washed product was free from thiophene and contained less than 0.0001 of carbon disulphide. The yield of rectified product was 90.6%. It is concluded that the method is suitable for the production of

Card 1/2

Purification of benzole from ...

S/068/63/000/001/002/004  
E071/E136

sulphur free benzene. The consumption of reagents under works conditions was reduced to 0.52% formalin and 10.9% acid. The washing time was 2 hours (against 8 - 9 hours when washing is carried out with sulphuric acid alone). The yield of pure product was 92.18%. Formaldehyde treatment removes carbon disulphide due to the saturation of benzole with methanol present in formaldehyde.

There is 1 table.

ASSOCIATION: NTMK

Card 2/2

GORIN', M.A., Cand Med Sci -- (diss) "Effect of stimulation  
of the nervous system <sup>upon</sup> the biochemical processes in diabetes,  
uremia, and insulin intoxication. (Experimental Research)." <sup>activity</sup>

L'vov, 1958, 13 pp (L'vov State Med Inst) 200 copies  
(KL, 32-58, 111)

- 64 -

GORIN, M. A.

Mekhanizatsiia vspomogatel'nykh rabot pri gidromekhanizatsii [Mechanization of auxiliary operations in hydraulic mechanization]. Gos. izdat. lit. po stroitel'stvu i arkhitektur'e, [1952] 51 p.

SO: Monthly List of Russian Accessions, Vol 6 No 6 September 1953

GORIN, M. A.

USSR/Engineering - Hydraulics, Dams

Jan 52

"Increasing the Hydraulic-Fill Rate of Earth Dams,"  
M. A. Gorin, Engr, Laureate of Stalin Prize

"Gidrotekh Stroi" No 1, pp 9-13

Discusses various measures to accelerate dam construction by hydraulic method, suggesting fine sand as material for core instead of clay, extensive use of needle-filter installations for dehydration of dam shoulders, systems of pipes with depth pumps for drainage of hydraulically filled structure and ground water removal. Most of conclusions are based on experience during construction of Tsimlyanskaya Dam.

212T53

1. GORIN, M. A., Eng.
2. USSR (600 )
4. Hydraulic Engineering
7. Experience in the use of hydromechanization at the Volga-Don construction project. Biul.stroi.tekh. 9 no. 22 1952
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. KREIN, N. A., KLIMENTOV, A. N., Engs.
2. USSR (600 )
4. Purging machinery
7. Use of a water rafter for increasing the productivity of curbing stations.  
Gidrostrой, 21, no. 10, '52.
9. Monthly Lists of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. COVSH, I. A.
2. VTB (SOX)
3. Volga-Don Canal
4. Experience in the use of hydromechanization at the Volga-Don Navigation  
Canal. Gidr. stroi. 21 no. 10, 1952.
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

GORIN, M. A.

PA 243T42

USSR/Engineering - Construction, Dams

30 Nov 52

"Practice of Hydromechanization at Volgadonstroy  
(Volga-Don Canal Construction Project)," Engr M. A.  
GORIN, Stalin Prize Laureate, Adm of Volgadonstroy  
Hydromechanization

"Byul Stroit Tekh" No 22, pp 1-6

Describes method and equipment used for erection of  
hydraulic fill for Tsimlyanskaya dam, which represented  
60% of total earthwork required for entire project.  
Maximum productive capacity of all suction dredges  
amounted to 5,200,000 cu m per month. Discusses bene-  
ficial results of hydraulic-fill construction experience  
in regard to training specialists and developing new  
high-power dredges.

243T42

98-58-7-6/21

AUTHORS: Bogdanov, V.Ya., Candidate of Technical Sciences; Gorin,M.A.  
and Zaytsev, N.I., Engineers.

TITLE: Utilization of Hydrocyclones in the Hydromechanization of  
Earth Works. (Primeneniye gidrotsiklonov pri gidromekhani-  
zatsii zemlyanykh rabot.)

PERIODICAL: Gidrotekhnicheskoye stroitel'stvo, Nr 7, 1958, pp 22-23

ABSTRACT: Experience acquired in the US has shown that hydrocyclones  
can be successfully used in mechanized mining and earth  
works. The Laboratory of the Hydromechanization of TsNIIS  
of the Ministry of Transport Constructions tried out a hy-  
drocyclone with the capacity of 360 - 920 cubic m/hour,  
whereby pulp with initial density of 18% was concentrated  
to 88%. The authors describe various cases in which a hy-  
drocyclone can be used for the hydromechanization of earth  
works. There is 1 diagram and 1 French reference.

1. Mining--Development    2. Hydrocyclones--Operation    3. Hydro-  
cyclones--Applications

Card 1/1

1014) 507/59-7-21/22  
 AUTHOR: Bozinger, S.T. Chairman  
 TITLE: Conference on Scientific Research in the Field of  
 PERIODICAL: Hydromechanics

PERIODICAL:  
 63-65 USSR, 1959, Nr. 7, pp.  
 ABSTRACT:  
 This article is a chronicle of the above-named Conference, which was held in Moscow from April 15-17, 1959, on the initiative of the Coordination Committee for Hydromechanics of the Academy of Sciences of the USSR. The All-Union MZES Hydromechanics Institute, the Mining Institute of the USSR, the Academy of Sciences of the USSR and the Moscow Central Board of the Technical Department for the Construction Industry also participated in the organization of the conference, which was attended by more than 400 representatives of 149 organizations, including the Central State Economic Councils, institutes of the Academy of Sciences of the USSR and the union republics, the ASIA of the USSR and the Ukrainian SSR, the union republics, scientific, cultural, science and the USSR, research institutes, and official scientific and research institutes. The conference was opened by Academician A.N. Terpilov, and at the plenary session papers were read by the following: Prof. A.A. Zhdan, Doctor of Technical Sciences; "The State of Scientific Research Work in the Field of Hydro-mechanics"; Engineer V.A. Platovov, "The Construction of Alluvial Dams and the Work of Scientific Organizations"; Engineer N.A. Gorin, "The Present State of and the Outlook for the Development of Research Work in the Field of Equipment for Hydro-mechanics"; Engineer S.B. Pochekin, "Current Problems of the Economy of the Hydro-mechanization of Earth Works"; Prof. G.A. Murzin, "Mechanical Sciences"; "The Present State of and the Outlook for the Development of the Hydro-mechanization of Opencast Coalmining"; Engineer A.M. Shchukin, "The Tasks of Perfecting Hydro-mechanization in the Non-Metallic Mineral Industry". The remainder of the conference was divided into 3 sessions: on technology, earth equipment and transport. At the session dealing with technology papers were read by the following: Prof. E.M. Matyush, Doctor of Technical Sciences; "Current Problems in the Planning of Alluvial Dams"; Prof. I.I. Aronov, Candidate of Technical Sciences (Institute of Mechanics of the Academy of Sciences of the USSR); "Peculiar Features of the Dilution and Compaction of Sand Foundations"; P.D. Johnson, Candidate of Civil Construction; T.A. Shchegoleva, Candidate of Technical Sciences (B.G. Fedosov's Thesis); V.P. Apolidze, Candidate of Technical Sciences (Institute of Mechanics of the Academy of Sciences of the USSR); "The Consolidation and Compaction of the Key Parts of Earth Dams"; T.F. Koldobskaya (G.I.S.), "Research on Alluvial Construction by Means of Cohesive Foundations"; M.P. Sosulin, Candidate of Technical Sciences; "The Systematic Construction of Foundations by Means of Large Foundations"; V.N. (V.Y.) Kurchev (M.S.), "The Alluvial Construction of the Sar'-Kurayk dam on the Murab River by Means of Fatio-Circular Sand"; I.I. Tadzhikyan, Candidate of Technical Sciences ("A Comparative Analysis of the Morphology of Alluvial Foundations"); B. Shorshor (V.A.) "Sand Foundations"; Takeo (T.M.G.U.); "Information for the Determination of the Angle of Inclination of Sand Foundations"; J.V. Zolotarenko, Candidate of Technical Sciences; "A Method of Calculating the Lining Rate of Frozen Foundations on the Upper Slope of Sand Dunes When Constructed in Water"; V.P. Keldishev, Candidate of Technical Sciences (V.A.); "and Engineer K.P. Toporevsky (G.E.T. of the Nodaiian (N.D.) River); "Problems of Planning Rivers Without the Use of Bansks";

Card 1/6

card 2/6

Card 3/6

GORIN, M. A.

Grading mixtures of sand and gravel in hydraulic classifiers.  
Biul. tekhn. inform. Inst. "Proektgidromekh." no.1:17-28 '62.  
(MIRA 16:1)

(Sand and gravel plants)  
(Separators(Machines))

VAYNSEN, Ya.R.; GORIN, M.A.

Equipping bulldozers with a device to drain water. Stroi, truborsov,  
9 no.2:26-27 F '64. (MIRA 17:3)

1. "stroitel'noye upravleniye No.7 tresta Soyuzprovodmekhanizatsiya,  
Zaslavl', Minskoy obl.

GOKIN, N.F., inzh.

Investigation of the specific pressure distribution in a  
rolling press in the process of mechanical dewatering of peat.  
Torf. prom. 38 no.4:27-30 '61. (MIRA 14:9)

1. Gosudarstvennyy institut po proyektirovaniyu zavodov  
torfyanoy promyshlennosti.  
(Peat machinery)

GORIN, N.F., inzh.

Automation in pumping stations in combined drainage and fire  
fighting systems. Torf. prom. 38 no. 6:11-14 '61. (MIRA 14:9)

1. Gosudarstvennyy institut po proyektirovaniyu zavodov  
terfyanoy promyschlennosti.  
(Automatic control) (Pumping stations).  
(Peat industry--Fires and fire prevention)

GORIN, N.F., inzh.

Determining the operative efficiency of the roller press. Torf.  
prom. 39 no. 6:18-20 '62. (MIRA 1657)

1. Giprotorf Vserossiyskogo soveta narodnogo khozyaystva.  
(Peat machinery—Testing)

GORIN, N. F., inzh.

Automatic molding machine for making insulation plates from  
peat. Torf. prom. 40 no.3:15-17 '63. (MIRA 16:4)

1. Gosudarstvennyy proyektnyy institut torfyanoy promysh-  
lennosti.

(Insulation materials) (Molding machines)

GORIN, N.G.

A lightweight asbestos roller on vertical glassdrawing machines.  
Stek.1 ker. 13 no.5:27-28 My '56. (MIRA 9:8)  
(Glass manufacture)

LUTSIK, P.I.; GORIN, N.N., master po remontu elektrovozov peremonnogo toka

Our experience in organizing depot repair of a.c. electric  
locomotives. Elek. i tepl. tiaga 3 no.4:4-8 Ap '59.

(MIRA 12:7)

1.Glavnyy inzhener depo Ozherel'ye Moskovsko-Kursko-Donbasskoy  
dorogi (for Lutsik). 2.Depo Ozherel'ye, Moskovsko-Kursko-Donbasskoy  
dorogi (for Gorin).

(Electric locomotives--Maintenance and repair)

PERTSOVSKIY, M.L., inzh.; GORIN, N.N., inzh.

Electrode-type antifreeze heater. Elek. i tepl. tiaga  
no. 7:20-21 J1 '60. (MIRA 13:8)  
(Electric locomotives—Equipment and supplies)  
(Electric current rectifiers—Cooling)

GORIN, N.N., aspirant

Improving the power supply system of auxiliary machinery of  
the N60 electric locomotive. Vest. TSNII MPS 20 no.5:8-12  
'62. (MIRA 15:8)  
(Electric locomotives)

NEKRASOV, Oleg Alekseyevich, kand.tekhn.nauk, starshiy nauchnyy so-trudnik; GORIN, Nikolay Nikolayevich, inzh.

Utilizatien of the power of asynchronous short-circuited machines operating under conditions deviating from nominal.  
Izv. vys. ucheb. zav.; elektromekh. 6 no.8:946-951 '63.  
(MIRA 16:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey slobshcheniya.

GORIN, N.N., inzh.

Technical and economic comparison of auxiliary machinery systems of  
rectifier type electric locomotives. Vest.TSNII MPS 22 no.1:17-20  
'63. (MIRA 16:4)

(Electric locomotives)

GORIN, N.N., kand.tekhn.nauk

Conditions of the work of auxiliary asynchronous electric machines.  
Trudy TSNII MPS no.286-93-107 '65.

(MIRA 18:8)

NEKRASOV, O.A., kand.tekhn.nauk; GORIN, N.N., kand.tekhn.nauk

Auxilliary a.c. motors. Trudy TSNII MPS no.286:103-117 '65.  
(MIRA 18:8)

GONCHAROV, K.F.; DOBROBORSKIY, S.A.; SIDOROV, P.N.;  
KOROSTASHEVSKIY, R.V.; KABANETS, Ya.P.; GROMYKO, Ye.M.;  
KARASIK, P.I.; GAZAROV, L.A.; YAKHIN, B.A.; GORIN,  
N.V., red.; POLYANSKAYA, Z.P., tekhn. red.

[Ball and roller bearings; catalog and handbook] Shariko-  
vye i rolikovye podshipniki; katalog-spravochnik. Izd.2.,  
ispr. i dop. Moskva, 1963. 379 p. (MIRA 17:3)

1. Moscow. TSentral'nyy institut nauchno-tehnicheskoy in-  
formatsii po avtomatizatsii i mashinostroyeniyu. 2. Nauchnyye  
sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo konstruk-  
torsko-tehnologicheskogo instituta podshipnikovoy promysh-  
lennosti (for all except Gorin, Polyanskaya).

GORIN, N.V., inzh.

Choice of a sectional generator voltage regulator. Elek. Stn. 36  
no. 8151-53 Ag '65. (MIRA 18:6)

GORIN, F.; IVANOV, S.

Coal mines and mining

Establishing order in construction work of the coal industry. Za ekon. mat. No. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

1. GORIN, P., ENG.
2. USSR (600)
4. Concrete
7. Fight harder against overconsumption and spoiling of cement at construction projects. Za skon.mat. no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

GORIN, S. G.

32782. Zkhinokokk pochki. Sbornik nauch. Trudov (Kirtiz. Gos. Med. In-t), T.  
IV, 1949, s. 166-68

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

Gorin, S. G.

Gorin, S. G. "Sulfamide calculosis of the kidneys", Vracheb. delo, 1949, No. 5, paragraphs 459-62.  
SO: U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

Morphological features of crystals of GaP. G. V. Averkiyeva,  
A. S. Borshchnevskiy, G. K. Kalyuzhnaya, A. D. Smirnova, D. N. Tret'yakov,  
N. N. Tekntareva (10 minutes).

Features of the growth of crystals of silicon carbide of the cubic  
modification from the gaseous phase. A. A. Pletyushkin, S. N. Gorin,  
L. M. Ivanova (10 minutes).

Investigation of the physical properties of semiconducting compounds  
with the lattice of ZnS and NaCl in the melting region and liquid  
state. V. M. Glazov, S. N. Chizhevskaya, N. N. Glagoleva (10 minutes).

Report presented at the 3rd National Conference on Semiconductor Compounds,  
Kishinev, 16-21 Sept 1963

ACCESSION NR: AP4012087

S/0020/64/154/002/0333/0336

AUTHOR: Gorin, S. N.; Pletyushkin, A. A.

TITLE: Sectoral structure of Beta-SiC crystals

SOURCE: AN SSSR. Doklady\*, v. 154, no. 2, 1964, 333-336

TOPIC TAGS: crystal structure, crystal lattice, Si crystal, sectoral crystal structure, semiconductor, high temperature semiconductor, solid state physics, solid state electronics

ABSTRACT: The sectoral distribution of nitrogen and boron in  $\beta$ -SiC crystals from the thermal decomposition of methyltrichlorosilane at 1500-2000°C in hydrogen on a graphite backing was analyzed. These crystals have natural faces. Goniometric measurements of a large number showed that the faces {111} ( $\{3\bar{3}1\}$ ), {111}, ( $\bar{2}11$ ), and {100} of the crystallographic belt  $\langle 110 \rangle$  appeared most often on the  $\beta$ -SiC crystals. Since atoms are held by only a double bond on a cube face, the latter does not absorb boron or nitrogen, which leads to the conclusion

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ACCESSION NR: AP4012087

that the nitrogen atoms displace the "B" type atoms and the boron atoms the "A" type atoms. Both "A" and "B" atoms are listed in a table. Introduction of aluminum into a reactor atmosphere showed that it, like boron, is absorbed basically by the pyramids of the negative tetrahedron grain growth. Such selective absorption of boron, aluminum and nitrogen by various  $\beta$ -SiC crystal grains indicates the chemical nature of the A and B atoms. In the formation of true composite crystals (displacement of solid solutions), the equivalence of the atoms with respect to mutual displacement depends basically upon the affinity of the given chemical elements. "The authors wish to thank L. M. Ivanova and A. A. Nesterenko for growing the boron and nitrogen alloyed  $\beta$ -SiC crystals and to Ye. Ye. Fluit for assistance in making the goniometric measurements." Orig. art. has: 4 figures and 2 tables.

ASSOCIATION: Institut Metallurgii im. A. A. Baykova (A. A. Baykov Metal-  
lurgical Institute)  
SUBMITTED: 051 105

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ATD PRESS: 3044  
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L 8574-65

ST(1)/EWG(k)/EWG(m)/EP(c)/EP(d) Pa-6 TSP/c/AZT/

ASCOM/AFEDAT-5 ASD(m)-2/SAW/c/SD(p)/ST/

ACCESSION NR: AF4044643

S/0040/64/028/008/1310/1315

AUTHOR: Gorin, S. N.; Pletyushkin, A. A.

TITLE: Structural peculiarities of silicon carbide cubic crystals  
grown from the gas phase

SOURCE: AN SSSR, Izv. Seriya fizicheskaya, v. 28, no. 8, 1964,  
1310-1315

TOPIC TAGS: silicon carbide, beta silicon carbide, cubic silicon  
carbide, single crystal, binary compound semiconductor, crystal  
growth, vapor phase growth, doped beta silicon carbide, crystal habit,  
crystal structure, crystal face effect

ABSTRACT: Crystallographic polarity of  $\beta$ -(cubic) silicon carbide and  
its effect on the morphology of crystals, effect of crystal faces on  
faces, and impurity distribution during growth of crystals have been  
studied. The names of compounds which are used in the growth process

L 857b-65  
ACCESSION NR: AP4044643

recently. Three basic crystalline forms—tabular, prismatic, and dendritic—were observed in  $\beta$ -SiC crystals grown by the vapor phase diffusion of methyltrichlorosilane or silicon tetrachloride in an oxygen atmosphere. Only the tabular forms were found to be single crystals. X-ray analysis, goniometric measurements, and electron microscopy revealed no difference between two types of tabular and prismatic crystals. The most prominent feature of the tabular crystals was the positive edge effect, which was observed in the slanted edges of the crystals. On the (001) face, this structural polarization was manifested in physical properties along the <111> and <111> directions. The physical properties and chemical natures of the  $\beta$ -SiC crystals were determined by observation and resistivity measurements. The resistivity of the  $\beta$ -SiC single crystal was measured by the four-point probe method, which permitted the determination of the resistivity of the A and B faces. It was concluded that the surfaces of the B-plane surfaces contain carbon atoms and the negative ones, silicon atoms, because nitrogen atoms are substituted for carbon and boron or aluminum atoms for silicon in the  $\beta$ -SiC lattice. Zonal distribution of impurities is particularly significant for the vapor-phase

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L 857-65

ACCESSION NR: AP4049643

grown crystals of binary and more complex compound semiconductors because of the "face effect" which is apparently more pronounced in that case than in the case of element semiconductors, and even more so than in the growth process from the melt. The "face effect" in the latter process is more controllable. (tit. art. has 2 figures.)

INSTITUTION: Institut metallurgie physique (Institute of Metallurgy)

EXPIRED: 00

470 PAGES

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"APPROVED FOR RELEASE: 09/19/2001

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S#11 CODE: 5310 RE130V 005 OTHER: 017

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000616210017-7"

L 15949-66 EWP(e)/EWT(m)/ETP(f), IWP(m)/EWP(j)/T/EWP(t)/EWP(b) IJP(c) JD/WN/  
ACC NR: AT6002253 SOURCE CODE: UR/2564/65/006/000/0210/0219 JG/AT/RM/WH

AUTHOR: Gorin, S. N.; Pletyushkin, A. A.

ORG: None

TITLE: Growth and structure of beta-SiC crystals [Paper presented at the Third Conference on Crystal Growing held in Moscow from 18 to 25 November, 1963].

SOURCE: AN SSSR. Institut kristallografi. Rost kristallov, v. 6, 1965, 210-219

TOPIC TAGS: crystal growth, silicon carbide, crystal structure

ABSTRACT: The paper deals with some aspects of the growth and structure of  $\beta$ -SiC crystals obtained by thermal decomposition of methyltrichlorosilane in hydrogen on a graphite support heated to 1500 — 2000°C. A detailed discussion of the faceting of the crystals obtained is given. The chief morphological features of the crystals are determined by the combined action of two principal factors: (1) zero growth rate of the faces of a positive tetrahedron in the absence of twin laminae intersecting them, and (2) local increase in the growth rate of the face near the lamina when such laminae intersect these faces. From the relative size of the faces and from the change of this size during growth, the following sequence was deduced for the normal growth rates of the various faces of  $\beta$ -SiC:

Card 1/2

L 15949-66

ACC NR: AT6002253

$$\{110\} > \{211\} > \{100\} > \{2\bar{1}\bar{1}\} > \{\bar{1}\bar{1}\bar{1}\} > \{1\bar{1}\bar{1}\} \rightarrow 0.$$

Electrical resistance measurements showed that many faces display an anomalous absorption of impurities (such as boron and nitrogen), which is attributed to the crystallographic polarity of the  $\beta$ -SiC structure. Authors express their deep appreciation to Ye. Ye. Flint of the Institute of Crystallography, AN SSSR (Institut Kristallografi AN SSSR) for assistance in the goniometric measurements and for kindly providing the Goldschmidt two-circle goniometer which was used for the goniometric investigations, and also to O. G. Karpinskiy and N. G. Slavina of the Institute of Metallurgy im. A. A. Baykov (Institut metallurgii) for measurements of the lattice constants. Orig. art. has: 9 figures and 1 table.

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 016

bvk  
Card 2/2

DUBROVA, P. F., GORIN, T. I., SUKHENKO, S. D., FEDORENKO, V. P., PRUSBAKOV, A. A.,  
TSEKHMISTRENKO, P. Ye.

Fruit Culture

Prospects for developing fruit culture in the areas of great Communist construction  
projects. Sad i og., no. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ 1953. Unclassified.

MINOV, I., SUDIN, T., VASIL'EV, N.

Fruit Culture

Prospects for developing horticulture in the districts of great reservoir construction.  
Sots. sel'.khov. 23, no. 5, 1952.

MONTHLY LIST OF AGRICULTURAL ACHIEVEMENTS, LIBRARY OF AGROKHOZ, APRIL 1952. UNCLASSIFIED.

1. GORIN, T. I.
2. USSR (600)
4. Quince - Volga Valley
7. Quince in the Lower Volga Valley, Sad i og. No. 1, 1953.
  
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

Gorin, T.I.

USSR/Cultivated Plants - Fruits. Berries.

L-6

Abs Jour : Ref Zhur - Biologiya, No 16, 25 Aug 1957, 69342

Author : Gorin, T.I.

Inst :

Title : Irrigation of Fruit Trees in Relation to Phases of Their Growth and Development.

Orig Pub : Sad i ogorod, 1956, No 8, 42-46

Abstract : Data are furnished on transpiration of fruit trees under conditions of adequate and inadequate water supply. The irrigation of fruit orchards in Southern and Southeastern district of our country should be conducted both for reserve (water storage) and for vegetative purposes. The vegetative irrigations should be conducted at the following phases of growth and fruit-bearing of plants: at opening of buds, after flowering, in the period of increased shoot growth and fall of ovaries, formation of flower buds, development of fruit growth and at the completion of fruit formation.

Card 1/1

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R000616210017-7"

USSR/Cultivated Plants - Fruits, Berries

M-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1717

Author : T.I. Gorin

Inst : Not Given

Title : State and Perspectives of the Development of Gardening in Stalingrad Oblast

Orig Pub : C.Kh. Povolzh'ya, 1956, No 10, 47-49

Abstract : No abstract

Card : 1/1

AL'BENSKIY, A.V., red.; NIKITIN, P.D., red.; RASTORGUYEV, L.I., red., kand.  
sel'khoz. nauk; IVANOV, A.Ye., red.; SELEZNEV, A.V., red.;  
SENKEVICH, A.A., kand. sel'khoz. nauk, red.; GORIN, T.I., red.;  
POPOV, V.V., red.; DEEELYY, A.S., red.;

[Collection of scientific research papers] Sbornik nauchno-  
issledovatel'skikh rabot. Stalingrad, 1959. 46 p.  
(MIRA 16:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut agrolesome-  
lioratsii.

(Forestry research)

VAKULIN, A.A.; V'YUNOV, S.F.; GORIN, T.I.; IVASHCHENKO, P.S.; KOMOVA,  
A.G.; KOROLEYEV, V.A.; KOROSTELEVA, M.Ye.; LOBACHEV, A.Ya.;  
LASEMANOV, I.Ya.; MALYCHENKO, V.V.; MOROZOVA, A.M.; PASHIN, I.A.;  
PROSVIROV, A.S.; ROZHKOVA, M.V.; YUROVA, N.F.; FEDORENKO, V.P.;  
TSKEHMISTREMKO, P.Ye.; SHEVCHENKO, I.S.; FEDOROV, N.A., red.;  
IZHboldina, S.I., tekhn.red.

[Brief manual on the cultivation of fruits, berries, and grapes  
and the management of nurseries in Stalingrad Province] Kratkii  
spravochnik po plodovo-iagodnym kul'turam, vinogradu i pitomnikam  
dlia Stalingradskoi oblasti. Stalingrad, Stalingradskoe knizhnoe  
izd-vo, 1960. 215 p. (MIRA 14:3)

1. Stalingrad (Province) Upravleniye sel'skogo khozyaystva.  
(Stalingrad Province--Fruit culture)

GORIN, Timofey Ivanovich, kand. sel'khoz. nauk; SERGEYEV, V.I., red.;  
PROKOF'YEVA, L.N., tekhn. red.

[Quince] Aiva. Izd.2., ispr. i dop. Moskva, Gos. izd-vo sel'khoz.  
lit-ry, zhurnalov i plakatov, 1961. 179 p. (MIRA 14:11)  
(Quince)

GORIN, V.

GORIN, V., brigadir prokhodchikov.

Deep blast holes in a mine stope. Mast.ugl. 3 no.7:6 Jl 154.  
(Blasting) (MLRA 7:7)

CORIN, V. A.

Author: Goria, V. A.

Title: The fringe method. (Metod okorochki.) 67 p.

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SUBJECT: PETROLEUM INDUSTRY

BELYANKIN, D.S., akademik, glavnnyy redaktor; AZIZBEKOV, Sh.A., otvetstvennyy redaktor; KASHKAY, M.A., otvetstvennyy redaktor; ABRAMOVICH, M.V., redaktor; AZIZBEKOV, Sh.A., redaktor; ALIYEV, A.G., redaktor; ALIYEV, M.M., redaktor; ALIZADE, K.A., redaktor; APRESOV, S.M., redaktor; AKHMEDOV, G.A., redaktor; BAYRAMOV, A.S., redaktor; GORIN, V.A., redaktor; ZHABREV, D.V., redaktor; MEKHITIYEV, Sh.F., redaktor; SOLOVKIN, A.N., redaktor; SULTANOV, A.D., redaktor; KHAIN, V.Ye., redaktor.

[Geology of Azerbaijan; petrography] Geologija Azerbaidzhana. Petrografia. Glav.red. D.S.Beliankin. Otvetstvennye redaktory: Sh.A. Azizbekov, M.A.Kashkai. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1952. 827 p. [Microfilm] (MIRA 8:2)

1. Akademija nauk Azerbaydzanskoy SSR. Institut geologii. (Azerbaijan--Petrology) (Geology, Stratigraphic)

GORIN, V. A.

"Mechanism for the Formation of Certain Kinds of Sloping Lamination in the Productive Layer of the Apsheron Peninsula"  
Dokl. Akad. Nauk SSSR, 1953, 9, No 11, 653-657 (Azerbaydzhani resume)

The sloping lamination of the Apsheron productive layer, ordinarily relating to a type of stratification of periodic or temporal currents, could have been formed without discontinuity in the accumulation of sediments. Observations of present-day deposits in the lower reaches of the rivers of Caucasus Minor showed that under similar delta or littoral-maritime conditions the water currents forming the oblique-stratified strata simultaneously erode the covering earlier than the deposited layer. (RZhGeol, No 3, 1954)

SO: W-31187, 8 Mar 55

GARIN, V. ...

"Caspian Depression and the transverse Plutonic fractures of South-eastern Caucasus"

Dokl. Ak. ZSRR, 9, No 12, 715-717, 1956 (Abstracts journal resume)

The author considers the interactions between the meridional Caspian depression and the sublatitudinal Caucasus upland, which interactions are due to the occurrence of regional fractures having a "Caucasian" (northwestern) course and a "Caspian" (northeastern) course or strike. These fractures form a number of stages of steps which sink along the direction toward the Caspian depression. (Rashid, No 6, 1954)

SO: Sum. 492, 12 May 56

GORIN, V.A.

Role of laminar redistribution of material in the formation of  
diapir folds and mud volcanoes in the southeastern Caucasus.  
Dokl.Azerb.SSR 10 no.1:43-49 '54. (MLRA 7:?)

1. Institut geologii im. akademika I.M.Gubkina, Akademii nauk  
Azerbaydzhanskoy SSR. Predstavлено deystvitel'nym chlenom  
Akademii nauk Azerbaydzhanskoy SSR M.A.Kashkayem.  
(Caucasus--Geology, Structural)

GORIN, V. A.

"The Redistribution in the Layers of the Material in a Productive Stratum,"  
Dokl. AN AzSSR, 10, No 2, 101-105, 1954 (Azerbaydzhani resume)

The morphology of the brachi-anticlinals of Apsheron and Kobystan testifies to their origin from vertical forces. In such a case, one must trace the flows of matter. One of the proofs of the flow in the layers is the spatial position of the surfaces of discontinuities, which (particularly in Bibileybat) are wavy in the transverse section. This is explained by the nonuniformity of the inlayer redistribution of matter during the formation of the upheaval. Another proof is the change in thickness (up to 30%) of the clayey interlayers in adjacent blocks.

RZhGeol, No 1, 1955

GORIN, V.A.; TAMRAZIAN, G.P.

On the genesis of diapir structures of southeastern Caucasus.  
Dokl. Azerb. SSR 10 no. 8:557-564 '54. (MIRA 8:10)

1. Institut geologii im. Akademii I.M.Gubkina AN Azerbaydzhanskoy SSR Predstavлено deystvitel'nym chlenom Akademii nauk Azerbaydzhanskoy SSR Sh.I.Azisbekovym.  
(Caucasus--Geology, Structural)

GORIN, V.A.

Caspian tectonic depression. Trudy Inst.geol.AN Azerb.SSR 15:  
160-169 '54.  
(Caspian Sea region--Geology, Structural)

(MLRA 9:1)

GORIN, V.A.

Mechanism of the formation of brachyanticlinal folds in the  
Apsheron-Kobystan region. Uch. zap. AGU no.7:31-35 '55.  
(MLRA 9:12)

(Azerbaijan--Folds (Geology))

GORIN, V.A.

Regularities of folding in the area of the Apsheron Peninsula in  
the southeastern Caucasus. Dokl.AN Azerb.SSR 11 no.8:545-547 '55.

(MLRA 9:1)

1.Institut geologii imeni akademika I.M.Gubkina AN Azerbaydzhanskoy  
SSR. Predstavлено deystv. chlenom AN Azerbaydzhanskoy SSR Sh.A.  
Azisbekovym. (Apsheron Peninsula--Geology)